

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED
BLM

MAY 20 PM 12:55

013 1750-1800-1001

6. Lessee Designation and Serial No.

SF-078106

8. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Gallegos Canyon Unit 22

9. API Well No.

3004507479

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Patty Haeefe

3. Address and Telephone No.

P.O. Box 800, Denver, CO 80201 (303) 830-4988

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1790' FNL 1820' FEL Sec. 18 T 28N R 12W Unit G

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Bradenhead Remediation

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to perform bradenhead work on this well per the attached procedure.

RECEIVED
JUN - 7 1996
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Patty Haeefe

Title

Staff Assistant

Date 05-29-1996

(This space for Federal or State office use)

APPROVED

Approved by

Title

Conditions of approval, if any:

MAY 21 1996

DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent representations as to any matter within its jurisdiction.

AMOCO

SJOET Well Work Procedure

Wellname: GALLEGOS CANYON UNIT #022
Version: 1
Date: May 29, 1996
Budget: DRA/Repair Well Expense
Repair Type: Bradenhead Remediation

Objectives:

1. Remediate steady flow of gas to insure zonal isolation behind casing
2. Place well back on production
- 3.

Pertinent Information:

Location:	G18 28N 12W, 1790 FNL; 1820 FEL	FM:	FT
County:	San Juan	API:	3004507479
State:	New Mexico	Engr:	Mark Yamasaki
Lease:	Federal 5F 078 106	Phone:	H--(303)202-0361
Well FLAC:	886619		W--(303)830-5841

TD: 1489 PBTB: 1420

Economic Information:

APC WI:	.5372		
Estimated Cost:	\$35,000	Prod. Before Work:	MCFD
		Anticipated Prod.:	MCFD
Payout:			
Max Cost-12 Mo. P.O.:			
PV 15:	\$M		
Max Cost PV 15:	\$M		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops:

Nacimiento:		Mencfee:	
Ojo Alamo:		Pt Lookout:	
Kirtland Shale:		Mancos Shale:	
Fruitland:	1396-1415	Gallup:	
Pictured:	1429-1489	Granceros:	
Lewis Shale:		Dakota:	
Cliff House:		Morrison:	

Bradenhead Test Information:

Test Date:	4/10/96	Tubing:	30	Casing:	77	BH:	
Time	BH	CSG		INT		CSG	
5 min:		77					
10 min:		77					
15 min:		77					

Comments: Steady flow of gas.

Well Name: GALLEGOS CANYON UNIT Number: 022
Date: May 29, 1996
Page: 2

SUGGESTED PROCEDURE:

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors on location.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow down well and kill well, if necessary, with 2% KCL water.
6. ND wellhead. NU and pressure test BOP's.
7. TIIH and tag PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
8. TIIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. TOIH.
9. TIIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOIH one joint and set packer. Pressure test RBP to 1500 psi.
10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.

NOTE: If this can not be accomplished, contact Mark Yamasaki in Denver at (303) 830-5841.
11. Establish injection rate into leak, if found, and attempt to circulate to surface.
12. Release packer, spot sand on RBP and TOIH with packer.
13. Run, if necessary, a CBL and CCL to determine cement top.
14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.
15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
17. TIIH with bit and scraper and drill out cement. Pressure test casing to 1000 psi. TOH with bit and scraper.
18. TIIH with retrieving head for RBP. Circulate sand off of RBP and TOIH with RBP.
19. TIIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOIH.
20. TIIH with production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing to original depth. NDBOP. NU wellhead.
21. Swab well in and put on production.

22. RDMOSU.

23. Take final bradenhead pressures and log date/pressures in CRWS.

STATE OF NEW MEXICO
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 4/10/96 Operator BHP PETROLEUM (AMERICAS) INC.

Lease Name Gallegos Canyon Unit Well No. 22 Location: Unit G Section 18 Township 28N Range 12W

Pressure (Shut-in or Flowing) Tubing 30 Intermediate _____ Casing 77 Bradenhead _____

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:			BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING			
5 min.		<u>77</u>	Steady Flow	<u>XX</u>	
10 min.		<u>77</u>	Surges		
15 min.		<u>77</u>	Down to Nothing		
20 min.			Nothing		
25 min.			Gas	<u>XX</u>	
30 min.			Gas & Water		
			Water		

If Bradenhead flowed water, check description below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

REMARKS:

By E. E. Martin Witness _____

Position Production Foreman